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UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) PAN, JIANHUA GROUP ART UNIT: 2121  
APPLN. NO.: 10/718,157 EXAMINER: Unknown  
FILED: 11/20/2003 DOCKET NUMBER: CS23552RL  
TITLE: METHOD AND APPARATUS FOR ADAPTIVE ECHO AND NOISE CONTROL

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**TRANSMITTAL OF FORMAL DRAWINGS**

Honorable Assistant Commissioner for Patents  
Alexandria, VA. 22313

ATTN: OFFICIAL DRAFTSPERSON

SIR:

Enclosed are four (4) sheets of formal drawings, sheets 1/4 through 4/4,  
FIGS. 1 through 7 for the above-identified application.

Respectfully submitted,

**Jianhua Pan**

Matthew C. Loppnow  
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MOTOROLA, INC.  
Customer Number: 20280

11/01/2004 SSESHE1 00000102 502117 10718157  
01 FC:1460 130.00 DA



## FEE TRANSMITTAL

Patent fees are subject to annual revision

☐ Applicant claims small entity status. See 37 CFR 1.27

### Complete if Known

Application Number 10/718,157  
Filing Date 11/20/2003  
First Named Inventor Pan, Jianhua  
Examiner Name Unknown  
Group Art Unit 2121  
Attorney Docket No. CS23552RL

TOTAL AMOUNT OF PAYMENT

(\$ 130.00)

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 502117

Deposit Account Name Motorola, Inc.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fees(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$ 0)

#### 2. EXTRA CLAIM FEES

Total Claims	Previously Paid**	Extra Claims	Fee from below	Fee Paid
Independent Claims	20	X	18	
	3	X	88	

Multiple Dependent

300 =

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	88	2201	44	Independent claims in excess of 3
1203	300	2203	150	Multiple dependent claim, if not paid
1204	88	2204	44	* Reissue independent claims over original patent
1205	18	2205	9	* Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0)

\*\* or number previously paid, if greater; For Reissues, see above.

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late Provisional filing
1053	130	1053	130	Non-English specification
1812	2520	1812	2520	For filing a request for ex parte Reexamination
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	430	2252	215	Extension for reply within second month
1253	980	2253	490	Extension for reply within third month
1254	1530	2254	765	Extension for reply within fourth month
1255	2080	2255	1040	Extension for reply within fifth month
1401	340	2401	170	Notice of Appeal
1402	340	2402	170	Filing a brief in support of an appeal
1403	300	2403	150	Request for oral hearing
1451	1510	1451	1510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1370	2453	685	Petition to revive - unintentional
1501	1370	2501	685	Utility issue fee (or reissue)
1502	490	2502	245	Design issue fee
1503	660	2503	330	Plant issue fee
1460	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of IDS
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))
1801	790	2801	395	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application

Other fee (specify)

Submission of formal drawings \$130.00

SUBTOTAL (3) (\$ 130.00)

\* Reduced by Basic Filing Fee Paid

### SUBMITTED BY

Name (Print/Type) Matthew C. Loppnow

Signature

### Complete (if applicable)

Registration No. 45,314 Telephone 847-523-2585

Date October 29, 2004